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## OM protein - protein search, using sw model

Run on: June 18, 2003, 15:26:51 ; Search time 13.6581 Seconds  
(without alignments)  
775.530 Million cell updates/sec

Title: US-09-807-933B-5  
Perfect score: 1956  
Sequence: 1 MKFLTIASNAIILAVGTEM.....TYKQVTCPKAITAKSGSRK 360

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Issued Patents AA.\*

- 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep.\*
- 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep.\*
- 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep.\*
- 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep.\*
- 5: /cgn2\_6/ptodata/1/1aa/PTUS\_COMB.pep.\*
- 6: /cgn2\_6/ptodata/1/1aa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	747	38.2	225	3	US-08-651-136C-2
2	747	38.2	225	4	US-09-229-911A-2
3	747	38.2	297	3	US-08-651-136C-4
4	747	38.2	297	4	US-09-229-911A-4
5	747	38.2	308	3	US-08-651-136C-6
6	747	38.2	308	4	US-09-229-911A-6
7	745	38.1	299	2	US-08-872-437-2
8	745	38.1	299	3	US-08-651-136C-12
9	745	38.1	299	4	US-09-229-911A-12
10	736	37.6	306	4	US-09-189-060B-68
11	723.5	36.9	376	1	US-08-090-013-4
12	723.5	36.9	376	1	US-08-081-328-4
13	722.5	36.9	376	1	US-08-232-249-4
14	722.5	36.9	376	2	US-08-833-642A-4
15	722.5	36.9	376	2	US-08-389-423-4
16	722.5	36.9	376	4	US-09-230-665-4
17	722.5	36.9	376	4	US-09-189-060B-66
18	717	36.7	357	1	US-08-411-777-9
19	717	36.7	357	3	US-09-057-088-9
20	710.5	36.3	349	3	US-08-651-136C-10
21	710.5	36.3	349	4	US-09-229-911A-10
22	704.5	36.0	213	4	US-09-230-665-8
23	704	36.0	306	4	US-09-189-060B-66
24	700.5	35.8	307	4	US-09-189-060B-74
25	698.5	35.7	310	3	US-08-651-136C-22
26	698.5	35.7	310	4	US-09-229-911A-22
27	690	35.3	304	4	US-09-189-060B-72

28	689	35.2	308	4	US-09-189-060B-70	Sequence 70, Appl
29	687	35.1	222	3	US-08-651-136C-14	Sequence 14, Appl
30	687	35.1	222	4	US-09-229-911A-14	Sequence 14, Appl
31	687	35.1	294	3	US-08-651-136C-24	Sequence 24, Appl
32	687	35.1	294	4	US-09-229-911A-24	Sequence 24, Appl
33	685.5	35.0	286	4	US-09-254-733-3	Sequence 3, Appl
34	683.5	34.9	285	4	US-09-230-225B-6	Sequence 6, Appl
35	683.5	34.9	305	4	US-09-230-665-6	Sequence 1, Appl
36	676.5	34.6	234	4	US-09-230-665-6	Sequence 6, Appl
37	676.5	34.6	305	1	US-08-090-013-2	Sequence 2, Appl
38	676.5	34.6	305	1	US-08-081-328-2	Sequence 2, Appl
39	676.5	34.6	305	1	US-08-232-249-2	Sequence 2, Appl
40	676.5	34.6	305	2	US-08-921-426-8	Sequence 8, Appl
41	676.5	34.6	305	2	US-08-833-642A-2	Sequence 2, Appl
42	676.5	34.6	305	2	US-08-140-008A-4	Sequence 4, Appl
43	676.5	34.6	305	2	US-08-836-340-1	Sequence 1, Appl
44	676.5	34.6	305	2	US-08-389-423-2	Sequence 2, Appl
45	676.5	34.6	305	3	US-08-816-915-8	Sequence 8, Appl

## ALIGNMENTS

RESULT 1  
US-08-651-136C-2  
; Sequence 2, Application US/08651136C  
; Patent No. 6001639  
GENERAL INFORMATION:  
APPLICANT: Schuelein, Martin  
APPLICANT: Andersen, Lene N.  
APPLICANT: Lassen, Soren F.  
APPLICANT: Kauppinen, Markku S.  
APPLICANT: Lange, Lene  
APPLICANT: Nielsen, Ruby I.  
APPLICANT: Ihara, Michiko  
APPLICANT: Takagi, Shinobu  
TITLE OF INVENTION: No. 6001639e1 Endoglycanases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSER: No. 6001639 No. 6001639e1 of No. 6001639th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/651,136C  
FILING DATE: 21-MAY-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J.  
REGISTRATION NUMBER: 33,728  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 225 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-651-136C-2

Query Match 38.2%, Score 747, DB 3, Length 225;  
Best Local Similarity 57.5%, Pred. No. 2, 1e-52;  
Matches 130, Conservative 38, Mismatches 48, Indels 10, Gaps 5;



Qy	254	KRVVQVLTGSLGSENTAHPDLPMPGGVGIYNGCATQWCAIPDGGAGYGVSSASD	31.3
Db	123	KKVIQVATNTGSLGN---HFDLAIPEGGVGIPLACTDYGAPMNGMDGYGGIHKKEE	17.9
Qy	314	CSNLPRLQAGCKRGVFRKADNPMTYKQYTCRKAITASGCSR	35.9
Db	180	CSPEPLAKPGKCMRRDFQNDNPBVTYQVACSESLTSYSGCSR	22.5

RESULT 4  
ME-09-33

Sequence 4, Application US/09229911A  
Patent No. 6387690  
GENERAL INFORMATION:  
APPLICANT: Schulein, Martin  
Andersen, Lene N.  
Lassen, Soren F.  
Kauppinen, Markus S.  
Lange, Lene  
Nielsen, Ruby I.  
Thara, Michiko  
Takagi, Shinobu  
TITLE OF INVENTION: No. 6387690e1 Endoglucanases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESS: No. 6387690o No. 6387690disk of No. 6387690th America, Inc  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/229,911A  
FILING DATE: 13-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/651,136  
FILING DATE: 21-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J.  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4366.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 297 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-229-911A-4

Db 123 KKIIVATNTGDELGN---HFDLAIPEGGVGIFNACTIDYGAPNMGDRYGSISHKEE 179

Qy 314 CSNLP<sup>5</sup>SA<sup>1</sup>L<sup>1</sup>AG<sup>1</sup>CK<sup>1</sup>WR<sup>1</sup>FG<sup>1</sup>PK<sup>1</sup>ND<sup>1</sup>NP<sup>1</sup>MT<sup>1</sup>YK<sup>1</sup>QY<sup>1</sup>TC<sup>1</sup>PK<sup>1</sup>AI<sup>1</sup>TA<sup>1</sup>SG<sup>1</sup>SR 359

Db 180 CSF<sup>1</sup>PE<sup>1</sup>AL<sup>1</sup>RG<sup>1</sup>CK<sup>1</sup>WR<sup>1</sup>FD<sup>1</sup>Q<sup>1</sup>ND<sup>1</sup>NP<sup>1</sup>SV<sup>1</sup>TF<sup>1</sup>Q<sup>1</sup>E<sup>1</sup>YAC<sup>1</sup>SE<sup>1</sup>LT<sup>1</sup>SG<sup>1</sup>SR 225

## RESULT 5

Sequence 6 Application US/08651136C  
Patent No. 6001639  
GENERAL INFORMATION:  
APPLICANT: Schulein, Martin  
APPLICANT: Andersen, Lene N.  
APPLICANT: Laassen, Soren F.  
APPLICANT: Kauppinen, Markus S.  
APPLICANT: Lange, Lene  
APPLICANT: Nielsen, Rudy I.  
APPLICANT: Ihara, Michiko  
APPLICANT: Takagi, Shinobu  
TITLE OF INVENTION: No. 6001639e1 Endoglucanases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/651,136C  
FILING DATE: 21-MAY-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J.  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4366,200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEO ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 308 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-651-136C-6

RESULT 6  
US-09-229-911A-6  
Sequence 6, Application US/09229911A  
Patent No. 6387690

GENERAL INFORMATION:  
APPLICANT: Schlein, Martin  
Andersen, Lene N.  
Laessen, Soren F.  
Kauppinen, Markus S.  
Lange, Lene  
Nielsen, Ruby I.  
Ihara, Michiko  
Takagi, Shinobu

TITLE OF INVENTION: No. 6387690el Endoglucanases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6387690c No. 6387690disk of No. 6387690th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/229,911A  
FILING DATE: 13-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/651,136  
FILING DATE: 21-MAY-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Lambitis, Elias J.  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4366-200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 308 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-09-229-911A-6  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
Query Match 38.2%; Score 747; DB 4; Length 308;  
Best Local Similarity 57.5%; Pred. No. 3, 1e-52;  
Matches 130; Conservative 36; Mismatches 48; Indels 10; Gaps 5;

QY 140 SASINYSAGVSGA---SGNGETTRYWDCCPSGMPGKADYTPVSGCKDKDTLADNNTONGCVGSSSYT 253  
DB 4 SATIGFLALPYLALDQSGIGOTTRYWDCCPSGMPGKGP-SSPVQACDKNDPLNDGG 62  
QY 195 NTONGC-VGSSSYTCNDNQPVVSDLLAYGFPAASISGSEATWCACCELTFTSTAVYKG 253  
DB 63 STRGCDAGSAYWSSSPVAASVDELSTYGAAYKLAGSSSQWCCACCELTFTSGPVAG 122  
QY 254 KRVVQVNTGSDLSGNTGAHFDLQMPGGVGVINGCATQWGAPTDGMKARYGVSSASAD 313  
DB 123 KMTVQVNTGSDLDN---HFDLAPGGGVGINACTDQYGAAPNMGMDRYGSHKEE 179  
QY 314 CSNLSALQAGCKMRFKQADNPTMYKQVTCPKAITKSGCSR 359  
DB 180 GSPFELAKPGCNMRFWFOADNPSVTFQEVACPSELTSKSGCSR 225

RESULT 7

US-08-872-437-2  
Sequence 2, Application US/08872437  
Patent No. 5958082

GENERAL INFORMATION:  
APPLICANT: Lund, Henrik  
APPLICANT: Kalum, Lisbeth  
TITLE OF INVENTION: Garments with Considerable Variation in  
FILE REFERENCE: 4888-200-US  
CURRENT APPLICATION NUMBER: US/08/872,437  
CURRENT FILING DATE: 1997-06-10  
EARLIER APPLICATION NUMBER: 1276/96  
EARLIER FILING DATE: 1996-11-13  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO: 299  
LENGTH: 299

US-08-872-437-2  
TYPE: PRT  
ORGANISM: Thielavia terrestris

Query Match 38.1%; Score 745; DB 2; Length 299;  
Best Local Similarity 60.4%; Pred. No. 4, 3e-52;  
Matches 128; Conservative 36; Mismatches 42; Indels 6; Gaps 2;

QY 148 VSGASGNGETTRYWDCCPSGMPGKADYTPVSGCKDKDTLADNNTONGCVGSSSYT 207  
DB 18 VASAAGSGSTTRYWDCCPSGMPGKANVSQPVYACDANFORLSDPVGSGCNGSAYS 77  
QY 208 CNNDQPVVSDLLAYGFPAASISGSEATWCACCELTFTSTAVYKRMVQVNTGSDL 267  
DB 78 CADQTPVAVNDLALYGFPAATSIAGSSSQWCCACCELTFTSGPVAGKTMVQVNTGSDL 137  
QY 268 GSNTHAFDLOMPGGVGVINGCATQWGAPTDGMKARYGVSSASADCSNLSALQAGCKM 327  
DB 138 GSN---QFDIAMPGGGVGVINGCSQFGLP---GQYIGISRQCCSFAPLKPCCOW 191  
QY 328 RFGWPKADNPTMYKQVTCPKAITKSGCSR 359  
DB 192 RFWFQADNPTFTFQVQCPAEIVARSGCSR 223

RESULT 8  
US-08-651-136C-12  
Sequence 12, Application US/08651136C

GENERAL INFORMATION:  
APPLICANT: Schlein, Martin  
Andersen, Lene N.  
Laessen, Soren F.  
Kauppinen, Markus S.  
Lange, Lene  
Nielsen, Ruby I.  
APPLICANT: Ihara, Michiko  
Takagi, Shinobu  
TITLE OF INVENTION: No. 6001639el Endoglucanases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6001639c No. 6001639disk of No. 6001639th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/651,136C  
FILING DATE: 21-MAY-1996  
CLASSIFICATION: 435



Wed Jun 18 17:55:48 2003

us-09-807-933b-5.rat

Page 6

QY 333 KNADNPTMYKQVTCRKAITAKSGCSR 359  
DB 197 KNADNPTMYKQVTCRKAITAKSGCSR 223

RESULT 11

US-08-090-013-4  
Sequence 4, Application US/08090013  
Patent No. 5443750  
GENERAL INFORMATION:  
APPLICANT: CONVENTS, ANDRE C  
APPLICANT: BUSCH, ALFRED  
APPLICANT: BAECK, ANDRE C  
TITLE OF INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY  
TITLE OF INVENTION: CELLULASE AND SOFTENING CLAYS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE PROCTER & GAMBLE COMPANY  
STREET: 5299 SPRING GROVE AVENUE  
CITY: CINCINNATI  
STATE: OHIO  
COUNTRY: USA  
ZIP: 45217  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/090,013  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 9120280.0  
FILING DATE: 06-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: PATEL, KEN K.  
REGISTRATION NUMBER: 33,988  
REFERENCE/DOCKET NUMBER: CM393  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 513-627-6437  
TELEFAX: 513-627-4854  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 376 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-090-013-4

Query Match 36.9%; Score 722.5; DB 1; Length 376;  
Best Local Similarity 59.8%; Pred. No. 3.6e-50;

Matches 128; Conservative 31; Mismatches 48; Indels 7; Gaps 4;

QY 147 AVSGASGNGETTRYYDCKPSCGMPGADYTSFVSGCNKGKTLADNNTONGCV-GGSS 205  
DB 14 AVS-AASGSGHSTRYMDCKPSCGWSGAAYVAPALTCNDNDPISNTNVAVNGCGGSA 72  
QY 206 YTCNDNOPWVSDLLAYGFPAASISGSGSEATWCCACFELFTSTAVYKGMVVOVTNTGS 265  
DB 73 YACTNYSFMAVNDLAVGFPAATKISGSGSEASWCCACVALTFTTGPYKGMVVOVTNTGS 132  
QY 266 DLGSGTAHPLDMPGGGVIYNGCATOWGAPTDGMDGARYGVSSASDSCSNLPSALONGC 325  
DB 133 DLGDN--HFDLMPGGGVIYFDGCTSEFGKALG--GQYVGISISSECDSPYELLKQCC 187  
QY 326 KMRFGMFRKADNPTMYKQVTCRKAITAKSGCSR 359  
DB 188 HMRFDWFRKADNPTMYKQVTCRKAITAKSGCSR 221

RESULT 12  
US-08-081-328-4

Sequence 4, Application US/08081328

Patent No. 5520838  
GENERAL INFORMATION:  
APPLICANT: BAECK, ANDRE C.  
APPLICANT: CEULEMANS, RAPHAEL ANGELENE A.  
APPLICANT: BUSCH, ALFRED (NMN)  
TITLE OF INVENTION: COMPACT DETERGENT COMPOSITIONS WITH  
TITLE OF INVENTION: HIGH ACTIVITY CELLULASE  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE PROCTER & GAMBLE COMPANY  
STREET: 11810 East Miami River Road  
CITY: CINCINNATI  
STATE: OHIO  
COUNTRY: USA  
ZIP: 45253-8707  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/081,328  
FILING DATE: 11/19/93  
CLASSIFICATION: 252  
ATTORNEY/AGENT INFORMATION:  
NAME: ZERBY, KIM WILLIAM  
REGISTRATION NUMBER: 32,323  
REFERENCE/DOCKET NUMBER: CM356M  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 513-627-2885  
TELEFAX: 513-627-0318  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 376 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-081-328-4

Query Match 36.9%; Score 722.5; DB 1; Length 376;  
Best Local Similarity 59.8%; Pred. No. 3.6e-50;

Matches 128; Conservative 31; Mismatches 48; Indels 7; Gaps 4;

QY 147 AVSGASGNGETTRYYDCKPSCGMPGADYTSFVSGCNKGKTLADNNTONGCV-GGSS 205  
DB 14 AVS-AASGSGHSTRYMDCKPSCGWSGAAYVAPALTCNDNDPISNTNVAVNGCGGSA 72  
QY 206 YTCNDNOPWVSDLLAYGFPAASISGSGSEATWCCACFELFTSTAVYKGMVVOVTNTGS 265  
DB 73 YACTNYSFMAVNDLAVGFPAATKISGSGSEASWCCACVALTFTTGPYKGMVVOVTNTGS 132  
QY 266 DLGSGTAHPLDMPGGGVIYNGCATOWGAPTDGMDGARYGVSSASDSCSNLPSALONGC 325  
DB 133 DLGDN--HFDLMPGGGVIYFDGCTSEFGKALG--GQYVGISISSECDSPYELLKQCC 187  
QY 326 KMRFGMFRKADNPTMYKQVTCRKAITAKSGCSR 359  
DB 188 HMRFDWFRKADNPTMYKQVTCRKAITAKSGCSR 221

RESULT 13

US-08-232-249-4  
Sequence 4, Application US/0823249  
Patent No. 5610129  
GENERAL INFORMATION:  
APPLICANT: MCCORODALE, FINLAY (NMN)  
APPLICANT: BUSCH, ALFRED (NMN)  
TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: THE PROCTER & GAMBLE COMPANY  
STREET: 5299 SPRING GROVE AVENUE



CITY: CINCINNATI  
 STATE: OHIO  
 COUNTRY: USA  
 ZIP: 45217  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/232,249  
 FILING DATE: 05-MAY-1994  
 CLASSIFICATION: 510  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 91202882.6  
 FILING DATE: 06-NOV-91  
 ATTORNEY/AGENT INFORMATION:  
 NAME: ALLEN, GEORGE W.  
 REGISTRATION NUMBER: 26,143  
 REFERENCE/DOCKET NUMBER: CM-395  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 513-627-5946  
 TELEFAX: 513-627-8118  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 376 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-232-249-4

Query March 36.9%; Score 722.5; DB 1; Length 376;  
 Best Local Similarity 59.8%; Pred. No. 3.6e-50;  
 Matches 128; Conservative 31; Mismatches 48; Indels 7; Gaps 4;

QY 147 AVSGASGNGETTRYPWDCCKPSCSWPGKADVTSPVSGSNKDKGKTLADNNTONGCV-GSSS 205  
 DB 14 AVS-AASGSHSTRYPWDCCKPSCSWSGKAANAPALTCDDNDPISNTNANVNGEGGSSA 72  
 QY 206 YTCNDNQPVVSDLAYGPAASISGSEATWCCACBELFTSTAVYKGMVQVNTG 265  
 DB 73 YACTNYPMAVNDLAYGPAATKISGSEASWCCACVALTFTTGPVYKGMIVQSTVTGG 132  
 QY 266 DLGNTGAHPLDQMPGGVGIYNGCATQWGAPTDGMGARVGVSSASDSCNLPALQAGC 325  
 DB 133 DLGN--HFDLMPGGVGIFDCTSEFGALG--GAQYGGISRSRSCDYPPELLKQGC 187  
 QY 326 KMRFGFKNADNPMTYKQVTCPRATKAGGCSR 359  
 DB 188 HMRFDWFENADNPFTFEQVQCPKALDISGCKR 221

RESULT 14  
 US-08-833-642A-4  
 Sequence 4, Application US/08833642A  
 Patent No. 5883066  
 GENERAL INFORMATION:  
 APPLICANT: Ivan M. A. J. Herbots et al.  
 TITLE OF INVENTION: Liquid Detergent Compositions  
 NUMBER OF SEQUENCES: 5  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Jackie Ann Zurcher  
 ADDRESSEE: Dinmore & Strohl LLP  
 STREET: 255 E. Fifth Street  
 STREET: 1900 Chemed Center  
 CITY: Cincinnati  
 STATE: Ohio  
 COUNTRY: USA  
 ZIP: 45202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.5 inch  
 COMPUTER: IBM PC Compatible

OPERATING SYSTEM: MS-DOS  
 SOFTWARE: WordPerfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/833,642A  
 FILING DATE: April 8, 1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Zurcher, J. A.  
 REGISTRATION NUMBER: P42,251  
 REFERENCE/DOCKET NUMBER: CM551C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (513) 977-8377  
 TELEFAX: (513) 977-8141  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 376 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-833-642A-4

Query March 36.9%; Score 722.5; DB 2; Length 376;  
 Best Local Similarity 59.8%; Pred. No. 3.6e-50;  
 Matches 128; Conservative 31; Mismatches 48; Indels 7; Gaps 4;

QY 147 AVSGASGNGETTRYPWDCCKPSCSWPGKADVTSPVSGSNKDKGKTLADNNTONGCV-GSSS 205  
 DB 14 AVS-AASGSHSTRYPWDCCKPSCSWSGKAANAPALTCDDNDPISNTNANVNGEGGSSA 72  
 QY 206 YTCNDNQPVVSDLAYGPAASISGSEATWCCACBELFTSTAVYKGMVQVNTG 265  
 DB 73 YACTNYPMAVNDLAYGPAATKISGSEASWCCACVALTFTTGPVYKGMIVQSTVTGG 132  
 QY 266 DLGNTGAHPLDQMPGGVGIYNGCATQWGAPTDGMGARVGVSSASDSCNLPALQAGC 325  
 DB 133 DLGN--HFDLMPGGVGIFDCTSEFGALG--GAQYGGISRSRSCDYPPELLKQGC 187  
 QY 326 KMRFGFKNADNPMTYKQVTCPRATKAGGCSR 359  
 DB 188 HMRFDWFENADNPFTFEQVQCPKALDISGCKR 221

RESULT 15  
 US-08-389-423-4  
 Sequence 4, Application US/08389423  
 Patent No. 5948672  
 GENERAL INFORMATION:  
 APPLICANT: Rasmussen, Grethe  
 APPLICANT: Mikelsen, Jan Moller  
 APPLICANT: Schuelein, Martin  
 APPLICANT: Patkar, Shankant A.  
 TITLE OF INVENTION: A Cellulase Preparation Comprising an  
 NUMBER OF SEQUENCES: 33  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: No. 59486720 No. 59486720th America, Inc.  
 STREET: 405 Lexington Avenue, 64th Floor  
 CITY: New York  
 STATE: New York  
 COUNTRY: United States of America  
 ZIP: 10174-6401  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/389,423  
 FILING DATE: 14-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Lambiris, Elias J.  
 REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 3469.214-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 376 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-389-423-4

Query Match 36.9%; Score 722.5; DB 2; Length 376;  
Best Local Similarity 59.8%; Pred. No. 3.6e-50;  
Matches 128; Conservative 31; Mismatches 48; Indels 7; Gaps 4;

QY 147 AVSGASGNGETTRVWDCCKPSCSWPGKADVTSVVGSCNKGKTLADNNTONGCV-GSSS 205  
DB 14 AVS-AASGSGHSTRVWDCCKPSCSWGKAANVAPALTCDKNDNPISNTYAVNGCEGGSA 72  
QY 206 YTCNDNQPVVSDDLAYGPAASISGSGEATWCCACFELTFTSTAVKGGKQVVOYNTGS 265  
DB 73 YACTNYSPPAVNDELAYGPAATKISGSGEASWCCACYALFTTGPYKGMIVQSTNTGG 132  
QY 266 DLGSNTGAPHDLOMPGGGVGIYNGCATOWGAPTDGWARVGVSSASDCSNLPSALQAGC 325  
DB 133 DLGDN--HFDLMPPGGGVGIFDGTSEFGKALG--GAQYGGISSRSGCDSTPELLKQGC 187  
QY 326 KMRFGWFKNADNPTMTYKQVTCPKAITAKSGCSR 359  
DB 188 HMRFDWFENADNDPFTFEQVQCPKALIDISGCKR 221

Search completed: June 18, 2003, 17:17:48  
Job time: 14.6581 secs